

G:
Helmer

1600

RAW SEQUENCE LISTING

DATE: 10/31/2002

PATENT APPLICATION: US/09/622,500B

TIME: 16:54:09

Input Set : A:\615.1.TXT

Output Set: N:\CRF4\10312002\I622500B.raw

4 <110> APPLICANT: Padidam, Malla
 5 Beachy, Roger
 6 Fauquet, Claude
 8 <120> TITLE OF INVENTION: Resistance in plants to infection by
 9 ssDNA virus using inoviridae virus ssDNA-binding protein,
 10 compositions and methods of use.
 13 <130> FILE REFERENCE: TSRI 615.1
 15 <140> CURRENT APPLICATION NUMBER: 09/622,500B
 16 <141> CURRENT FILING DATE: 2000-08-17
 18 <150> PRIOR APPLICATION NUMBER: PCT US99/04716
 19 <151> PRIOR FILING DATE: 1999-03-03
 21 <150> PRIOR APPLICATION NUMBER: US 60/076,627
 22 <151> PRIOR FILING DATE: 1998-03-03
 24 <160> NUMBER OF SEQ ID NOS: 9
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 29 <211> LENGTH: 87
 30 <212> TYPE: PRT
 31 <213> ORGANISM: Inovirus coliphage M13
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 36 Ser Gly Val Ser Arg Gln Gly Lys Pro Tyr Ser Leu Asn Glu Gln Leu
 37 20 25 30
 38 Cys Tyr Val Asp Leu Gly Asn Glu Tyr Pro Val Leu Val Lys Ile Thr
 39 35 40 45
 40 Leu Asp Glu Gly Gln Pro Ala Tyr Ala Pro Gly Leu Tyr Thr Val His
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 43 65 70 75 80
 44 Leu Arg Leu Val Pro Ala Lys
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 49 <211> LENGTH: 264
 50 <212> TYPE: DNA
 51 <213> ORGANISM: Inovirus coliphage M13
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 56 tatccgggttc ttgtcaagat tactcttgat gaaggtcagc cagcctatgc gcctgggtctg 180
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66 <223> OTHER INFORMATION: Synthetic
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77 <212> TYPE: DNA
78 <213> ORGANISM: Begomovirus tomato leaf curl virus
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83 acaaacatgt gggatccatt attgcacgaa tttcccgaag gcgttcatgg tctaagggtgc 180
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92 catcaagaca aaaaaccata ctaacagtgat catgtttttt ctggttcgtg accgtcgtcc 720
93 tacaggatct ccccaggatt tcggggaagt gtttaatatg tttgacaatg aaccgagcac 780
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96 taataattat gttgtttata atcaacaaga ggccggcaag tatgagaatc atactgaaaa 960
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112 agatgtccac acaagtaatt gtgtggtcct aagcaccgag cccacatcgt tttgcccgtc 1920
113 ctactatccc cctctatgac tatgcttatg ggcctaaaag gccgcgcagc ggcacacaca 1980

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117 tctttatttc cgtgtttaat cgcctgggca tatgcatcgt tcgccgtttg ttgaccacca 2220
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119 atgtagtttt tgacgtccga cgctgattta gctccctgaa tgttcggatg gaaatgtgct 2340
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167 attccagaac tacgtgatct attttcatgc atctattcct caactggcta agcttctgct 2040
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246 <223> OTHER INFORMATION: Synthesized

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255 <212> TYPE: PRT

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258 <220> FEATURE:

259 <223> OTHER INFORMATION: Synthesized

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271 <220> FEATURE:

272 <223> OTHER INFORMATION: Synthesized

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